

ABSTRACT

An integrated control system includes a main control system (accelerator) controlling a driving system, a main control system (brake) controlling a brake system, and a main control system (steering) controlling a steering system, based on manipulation by a driver, as well as an adviser unit generating and providing information to be used at each main control system based on environmental information around a vehicle or information related to a driver. The advisor unit executes a program including the steps of: sensing a vehicle state, driver's manipulation, and environmental information; operating an expected value by the driver with regard to a driving force; performing distribution processing of a braking/driving torque; and operating a distribution ratio so as to carry out distribution.